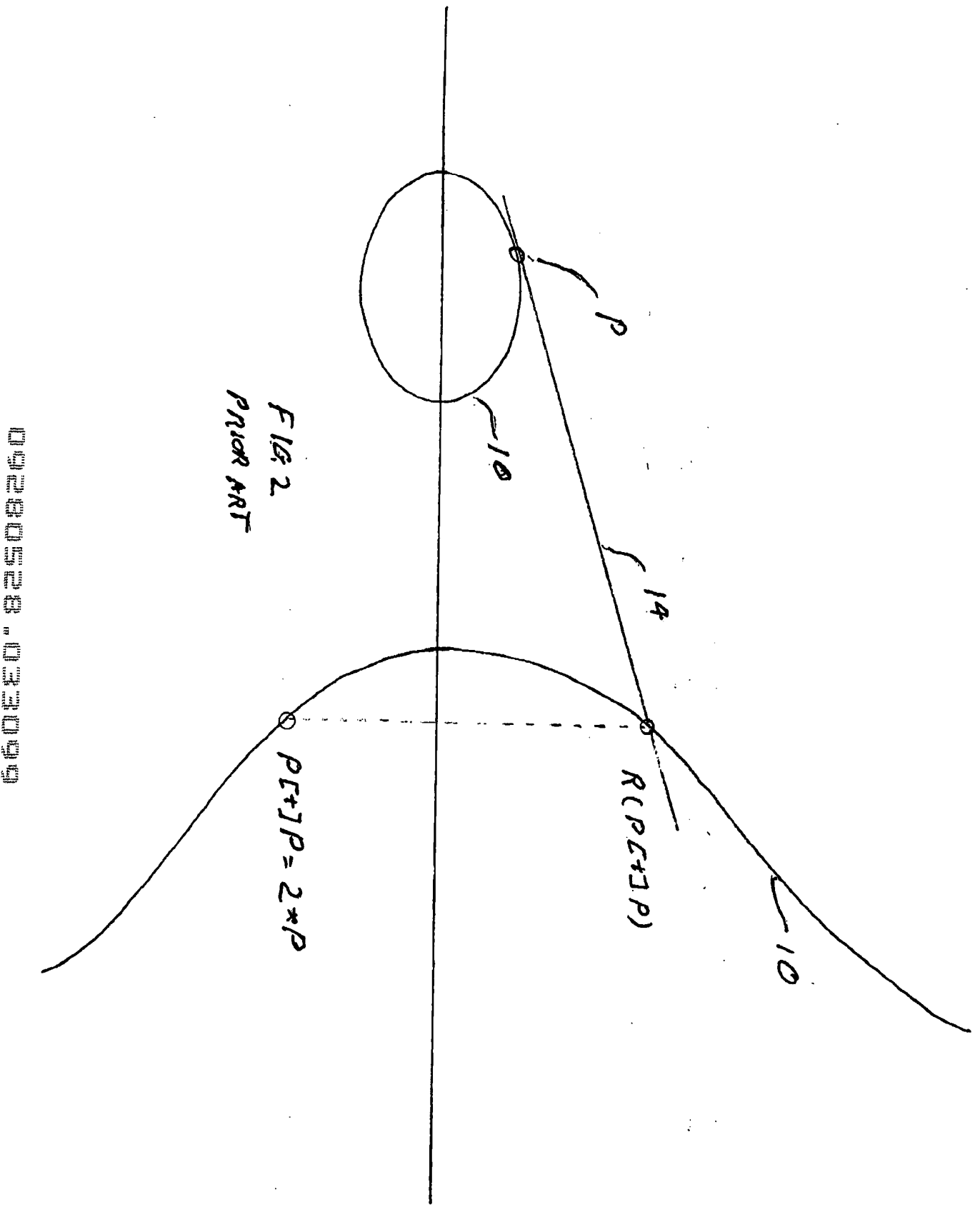


FIG. 1
PRIOR ART

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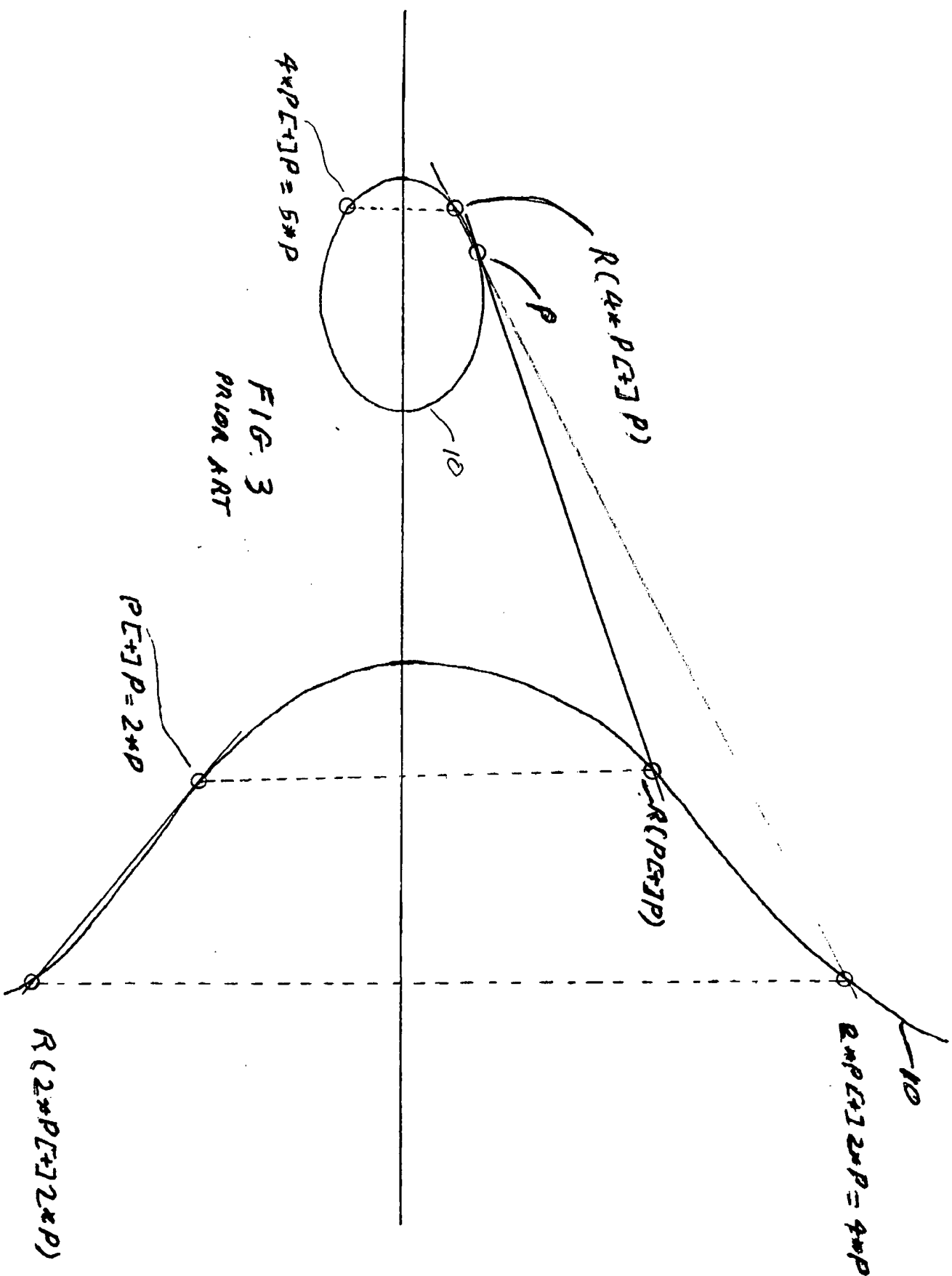


FIG. 3
PRIOR ART

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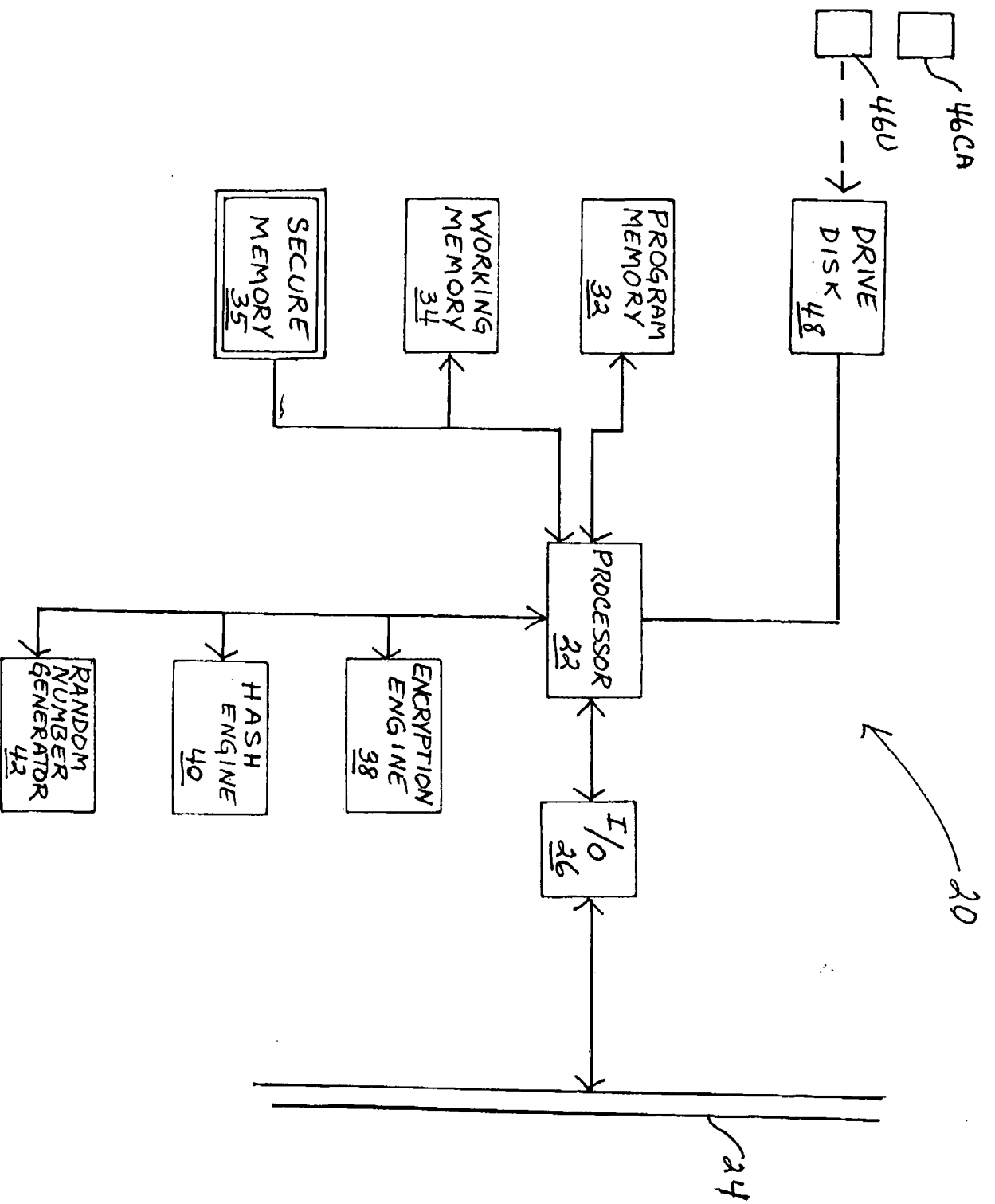
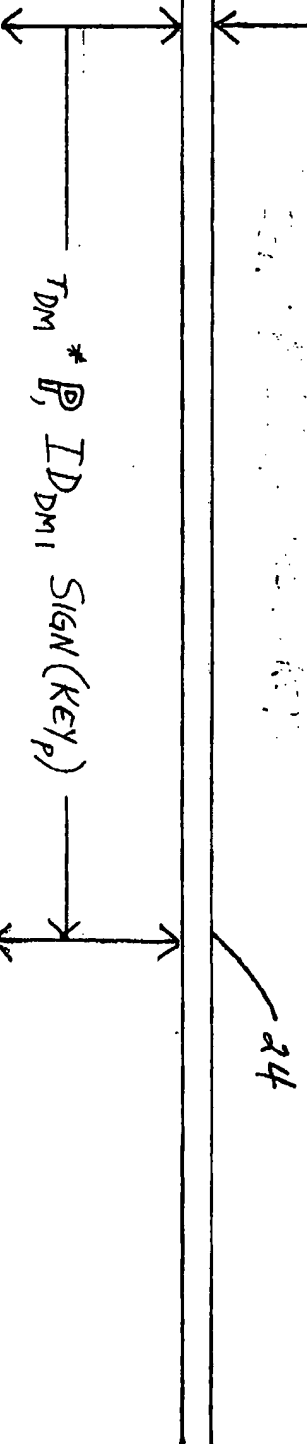
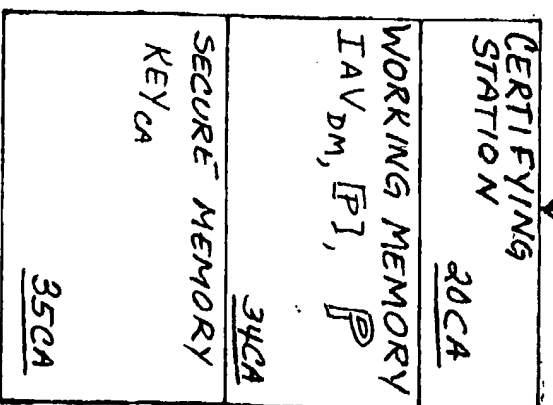
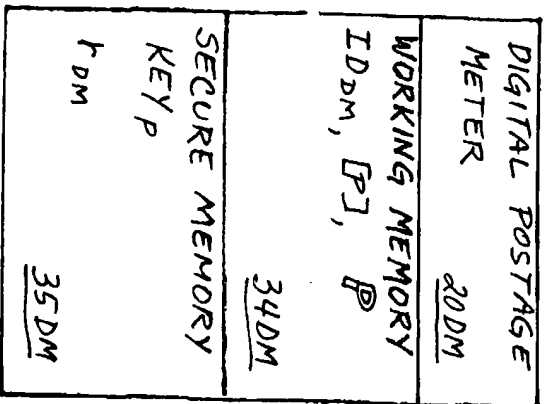
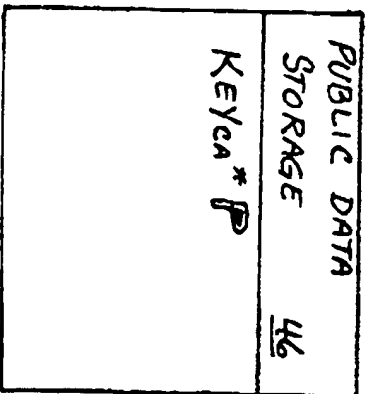


FIG. 4

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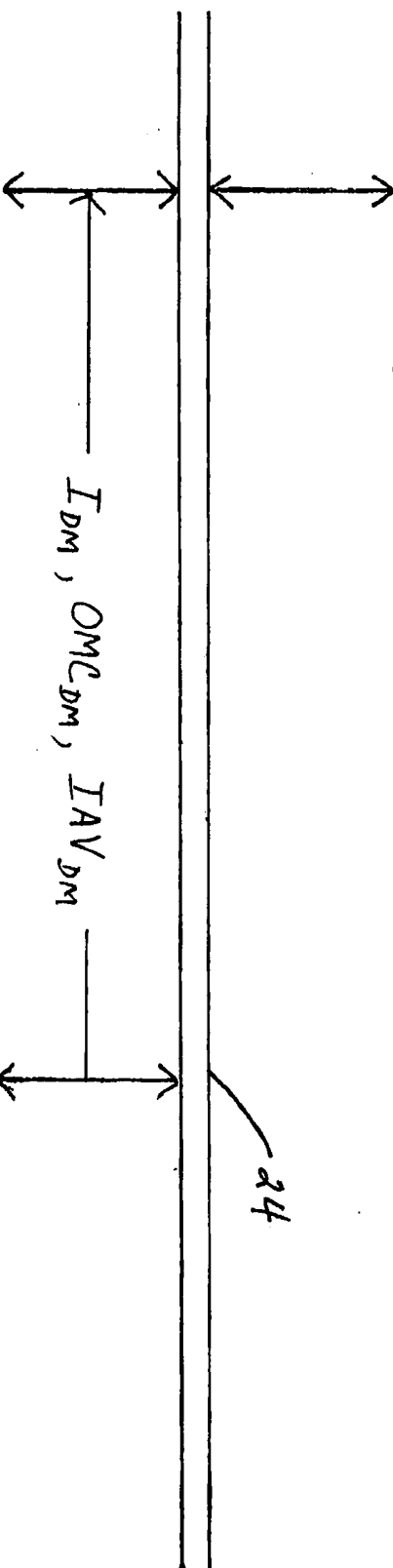
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FIG. 5

PUBLIC DATA STORAGE	<u>46</u>
KEY _{CA} * P	



$I_{DM}, OMC_{DM}, IAV_{DM}$

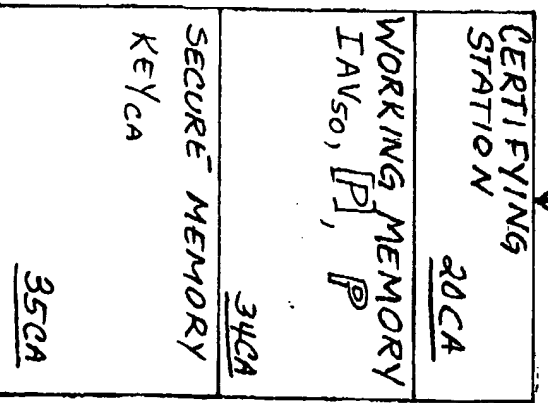
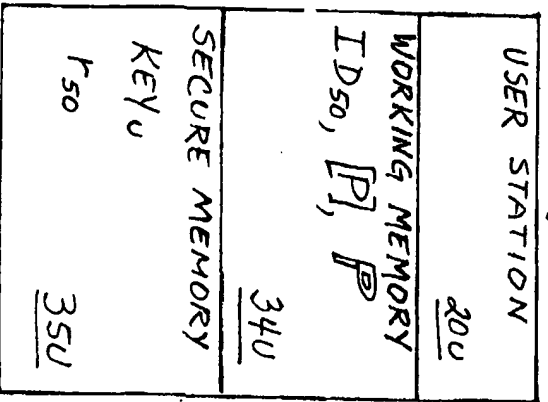
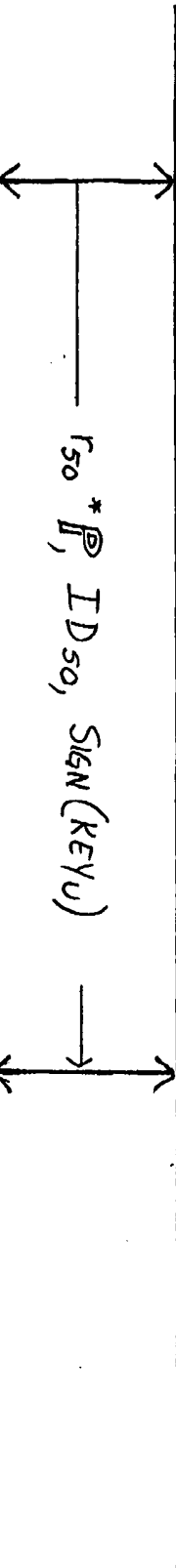
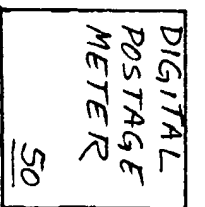
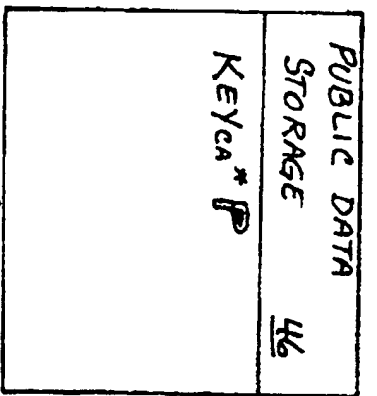
DIGITAL POSTAGE METER	<u>20DM</u>
WORKING MEMORY	$I_{DM}, [P], P, OMC_{DM}$
	$IAV_{DM}, KEY_{CA} * P$
	<u>34DM</u>
SECURE MEMORY	$KEY_P \rightarrow KEY_{DM} = I_{DM} + r_{DM}$
	<u>35DM</u>

CERTIFYING STATION	<u>20CA</u>
WORKING MEMORY	$OMC_{DM} = (T_{DM} + E_A) * P$
	$M = OMC_{DM} : IAV_{DM}$
	$I_{DM} = H(M) + r_{CA}$
	<u>34CA</u>
SECURE MEMORY	KEY _{CA}
	r_{CA}
	<u>35CA</u>

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$r_{50} * P, ID_{50}, SIGN(KEY_u)$

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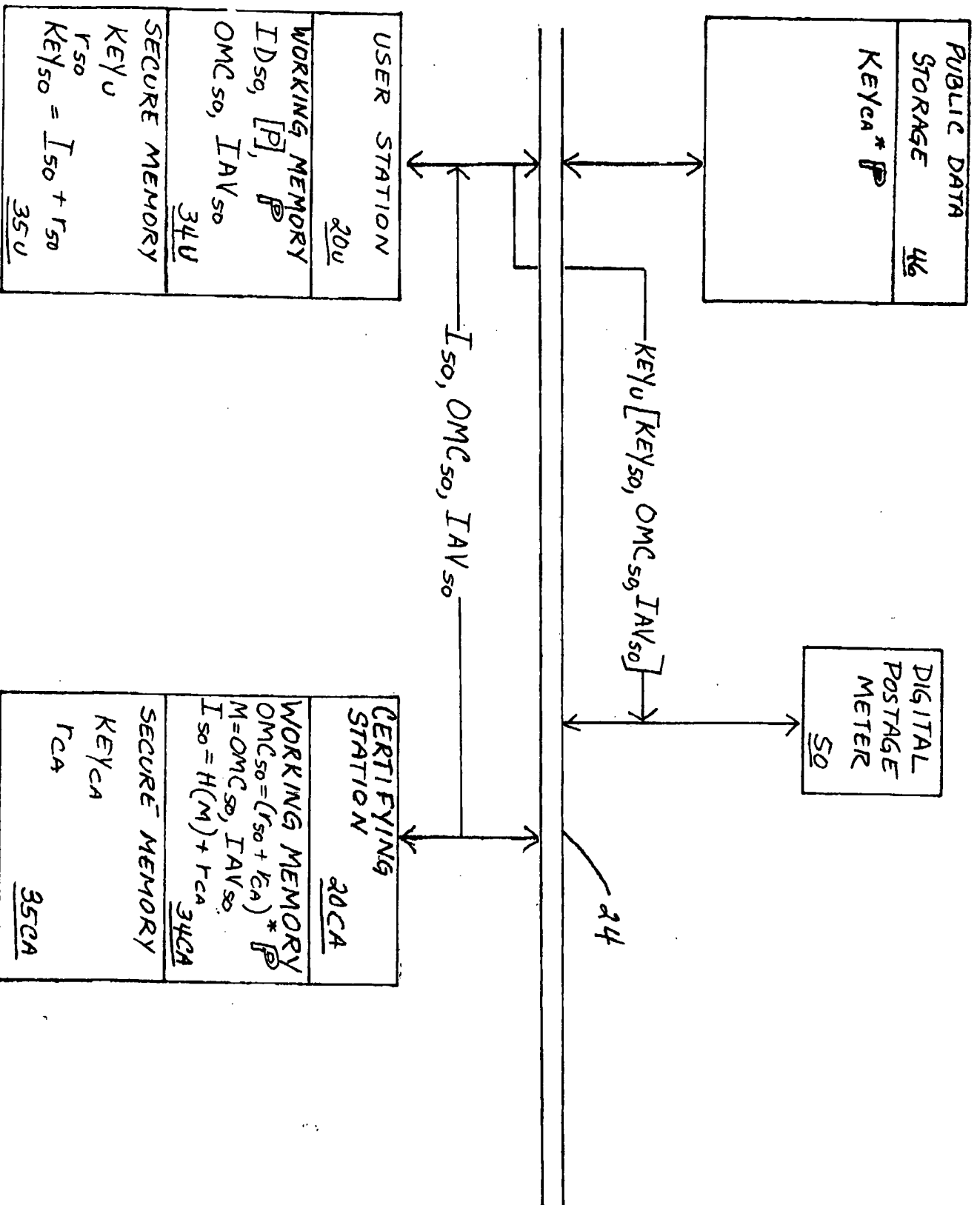


FIG. 3. 033099

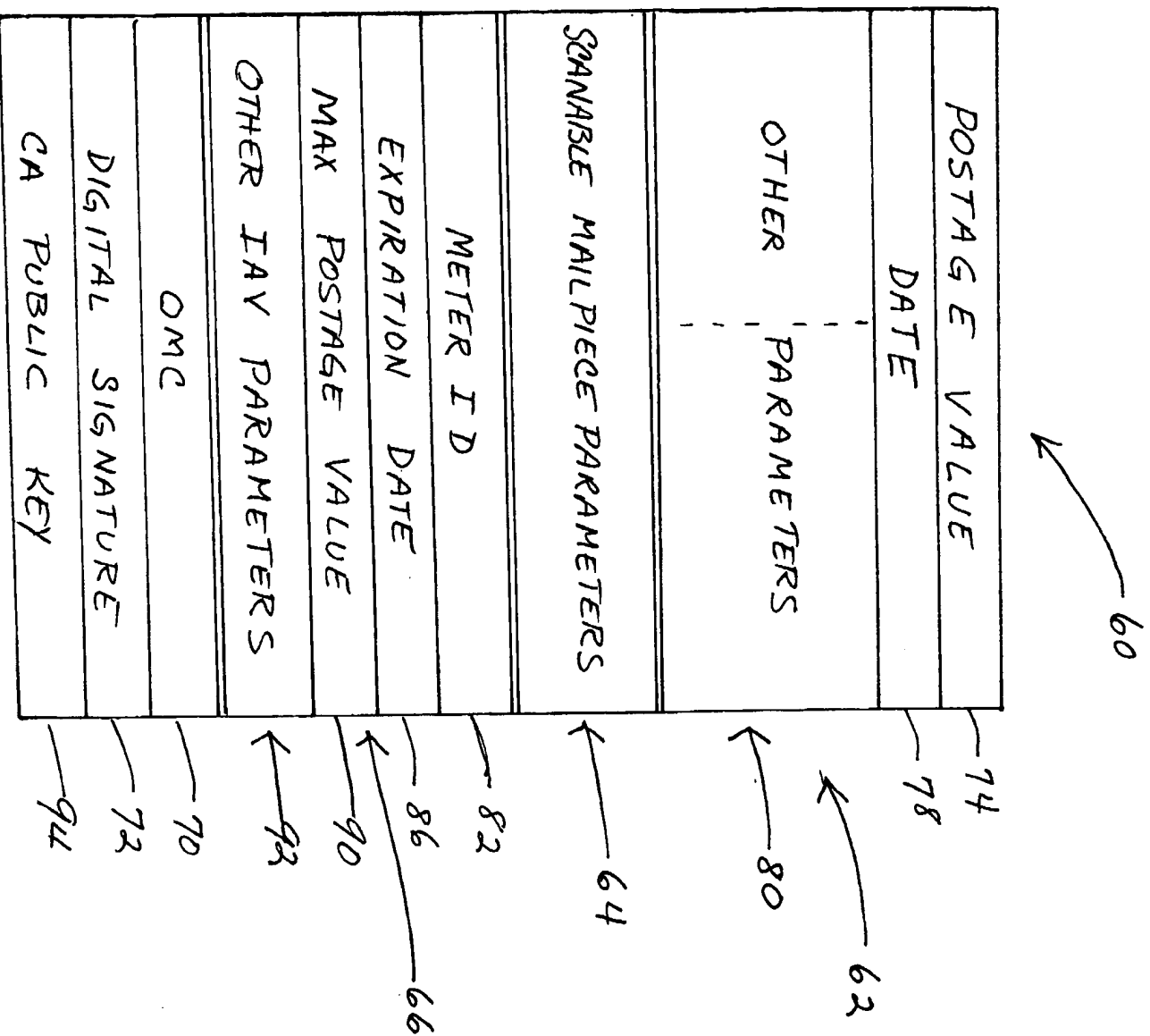


FIG. 9

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